

Work Order ID 83579

\*83579\*

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Item ID: D350-561-141 *\* Label only* Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Stop \*NS2\*

Start Date: 19/04/2012 Start Qty: 2.00 \*2\*

Cust Item ID:

Required Date: 03/05/2012 Req'd Qty: 2.00 \*2\*

Customer:

Reference:

Approvals: Process Plan: *MLJ* Date: *12/04/19*

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								
100		0.00							
*100*	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile and create labels per PPP D350-561-141								
105	Pick Kit	0.00							
*105*									
Packaging	Memo	0.00							
Packaging									
110	QC4- 100% Inspect kits for completeness	0.00							
*110*									
QC	Memo	0.00							
Quality Control									

*DAS 15 12/04/09*

*12-8-8 Pto*

*(2)*



*2x*

*12-8-8*

*DAS 15 12/04/09*

W/O: 83579		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D350-561-141 PAR #: \_\_\_\_\_ Fault Category: Prod. Eng. NCR: Yes No DQA: Not Date: 12/08/17  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: Yes Date: 12/08/20

NCR: 12-1709		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
12/08/09	#100	<del>incorrect amount of a</del> too many types of Bolts + missing qty's as per IZN. R.C. w/o + Bom creates incorrectly	(DAS 16 9-89) ASZ012 12/08/09	Remove AN3-4A From kits AND ADD Fix qty for AN3-5A should be qty x6 Per kit	m/20/07	(DAS 16 9-89) 12/08/09	(DAS 16 9-89) ASZ012 12/08/09	(DAS 16 9-89) 12/08/09
				- update w/o + Bom. ADD copy of Bom for Reference	12-08-09			

NOTE: Date & initial all entries

**Work Order ID 83579****\*83579\***

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Item ID: D350-561-141

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 03/05/2012 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

0.00

**\*120\***

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-561-141

JPP 83 577

(20)

12/8/13

130

0.00

**\*130\***

QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

12/8/13

MCS 12/08/09

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 83579

\*83579\*

Parent Item: D350-561-141

\*D350-561-141\*

Parent Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev  
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit  
DD 10.03.15 verified by:EC IPP Rev:D 10.09.14 per IIN revD  
DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2011-101 Sfr 6" Mirror		Manufactured	No			105	Each	49.0000	**	2			
*D2011-101*													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST226		49							
				79943		49							
D2012-105 Sfr Arm		Manufactured	No			105	Each	13.0000	**	2			
*D2012-105*													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST229		13							
				70725		3							
				79464		10							
D2012-107 Sfr Clevis		Manufactured	No			105	Each	0.0000	**	2			
*D2012-107*													
D2012-111 Sfr Bracket		Manufactured	No			105	Each	9.0000	**	2			
*D2012-111*													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST003		9							
				70726		9							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 83579

\*83579\*

Parent Item: D350-561-141

\*D350-561-141\*

Parent Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 2.00

Required Qty: 2.00

D2012-115

Manufactured No

105 Each

8.0000

0

2

\*D2012-115\*

Bracket, Clevis

\*\*

8P



Location

Loc Qty

Loc Code

ST003

8

25581

8

D2022-101

Manufactured No

105 Each

142.0000

2

2x

\*D2022-101\*

Spacer

\*\*

B 83995 8P



Location

Loc Qty

Loc Code

ST504

142

73307

1

77047

24

79465

117

D3629-1

Manufactured No

105 Each

12.0000

0

2x

\*D3629-1\*

Bracket

\*\*

8P



Location

Loc Qty

Loc Code

ST245A

12

76270

12

D3635-1

Manufactured No

105 Each

23.0000

0

2x

\*D3635-1\*

Gasket

\*\*

8P 12-8-8 8P



Location

Loc Qty

Loc Code

ST059

23

70764

23

2x

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: D350-561-141

\*D350-561-141\*

Parent Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 2.00

Required Qty: 2.00

D3646-1 Manufactured No

105 Each

6.0000

0 2

\*D3646-1\*

\*\*

8p

SP

Arm

## Location

## Loc Qty

## Loc Code

ST229

6

76263

6

105 Each

8.0000

0 2

D3646-3 Manufactured No

\*D3646-3\*

\*\*

8p

SP

Arm

## Location

## Loc Qty

## Loc Code

ST229

8

74130

2

79356

6

105 Each

5.0000

2 4

D4070-041 Manufactured No

\*D4070-041\*

\*\*

384067 3x 8p

Clamp

## Location

## Loc Qty

## Loc Code

ST460

5

77703

5

105 Each

732.0000

3 6

AN3-4A Purchased No

\*AN3-4A\*

\*\*

SP 12-8-8

SP

Bolt

## Location

## Loc Qty

## Loc Code

ST350

732

102832

88

104291

4

104625

262

117317

98

120308

80

120770

200

6x

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 83579

\*83579\*

Parent Item: D350-561-141

\*D350-561-141\*

Parent Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 2.00

Required Qty: 2.00

AN3-5A

Purchased

No

105

Each

1,496.000

\*AN3-5A\*

Bolt

\*\*

## Location

## Loc Qty

## Loc Code

ST350

1496

115371

46

117423

124

118626

145

119355

200

120187

500

121185

481

AN3-6A

Purchased

No

105

Each

314.0000

\*AN3-6A\*

Bolt

\*\*

## Location

## Loc Qty

## Loc Code

ST351

314

117441

36

120498

28

120644

100

121060

50

121166

100

AN4-5A

Purchased

No

105

Each

1,006.000

\*AN4-5A\*

Bolt

\*\*

## Location

## Loc Qty

## Loc Code

ST355

1006

117508

6

120562

1000

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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\*83579\*

Parent Item: D350-561-141

\*D350-561-141\*

Parent Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 2.00

Required Qty: 2.00

AN4-10A Purchased No

105 Each

94.0000

\*AN4-10A\*

Bolt

\*\*

m116419 (1X) SP SP

Location

Loc Qty

Loc Code

ST356

94

117619

44

121666

50

AN960JD10 NAS1149D0363J Purchased No

105 Each

0.0000

\*AN960JD10\*

Washer

\*\*

m122378 SP SP

AN960JD416 NAS1149D0463J Purchased No

105 Each

10.0000

\*AN960JD416\*

Washer

\*\*

m122441 SP SP

Location

Loc Qty

Loc Code

ST351

10

116289

10

MS21042L3 Purchased No

105 Each

2,805.000

\*MS21042L3\*

Nut

\*\*

m122141 SP SP

Location

Loc Qty

Loc Code

ST300

2805

117441

16

117885

32

118451

5

118927

3

119017

1591

119075

158

121349

1000

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 83579

\*83579\*

Parent Item: D350-561-141

\*D350-561-141\*

Parent Item Name: Single Cargo Mirror Installation, RH, 6 inch Round

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 2.00

Required Qty: 2.00

MS2104214

Purchased

No

105

Each

3,158.000

8

\*MS210421 4\*

\*\*

m 121444 SP

SP

Location

Loc Qty

Loc Code

ST300

3158

116188

5

119017

4

119075

1149

121011

2000

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



## 5. PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -141	Qty -143	Qty -241	Qty -243	Part Number	Description
X	1						D350-561-041	SINGLE MIRROR INSTALLATION, RH
	X						D350-561-043	DUAL MIRROR INSTALLATION, RH
	1	X		1		1	D350-561-045	MIRROR KIT
			X	1			D350-561-141	SINGLE MIRROR INSTALLATION, RH
				X			D350-561-143	DUAL MIRROR INSTALLATION, RH
					X	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
						X	D350-561-243	DUAL MIRROR INSTALLATION, LH
1		1	1		1		D2011-101	Mirror
1							D2012-101	Arm
1							D2012-103	Arm
1			1				D2012-105	Arm
					1		D2012-106	Arm
2			1		1		D2012-107	Clevis
1							D2012-109	Bracket
1			1		1		D2012-111	Bracket
4		2					D2012-113	Clamp
1			1		1		D2012-115	Bracket
4			2		2		D2022-101	Spacer
4							D2856-100-325	Abrasion Strip
1*		1*	1*		1*		D3014-1	Locknut
			1		1		D3629-1	Bracket
			1		1		D3635-1	Gasket
		2					D3635-3	Gasket
			1				D3646-1	Arm
					1		D3646-2	Arm
			1				D3646-3	Arm
					1		D3646-4	Arm
			2		2		D4070-041	Clamp
2							AN3-4A	Bolt
2		2	6		6		AN3-5A	Bolt
1			1		1		AN3-6A	Bolt
2			1		1		AN4-10A	Bolt
3			3		3		AN4-5A	Bolt
14		4	8		8		AN960JD10	Washer
9		2	8		8		AN960JD416	Washer
1*		1*	1*		1*		AN960JD416L	Washer
5		2	4		4		MS21042L3	Nut (or MS21042-3)
5			4		4		MS21042L4	Nut (or MS21042-4)

\*INCLUDED AS PART OF D2011-101 MIRROR